

Version: Oct2007

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Vehicle: ETHANOL

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Report Date:10/04/2007

Study Summary

Laboratory Name	Study Number	Study Start Date	Length of Study in Days	Number of Animals Total and (#/Cage)	Number Surviving and (Mean Life Span)	Maximum Mean Weekly Body Weight	Chemical
Male							
Battelle Columbus Laboratory	059700308	06/25/02	730	50 (1)	34(702)	54.2	1,2-Dibromo-2,4-dicyanobutane
Southern Research Institute	059302008	05/08/00	729	50 (1)	39(710)	52.6	Diisopropylcarbodiimide
Female							
Battelle Columbus Laboratory	059700308	06/24/02	729	50 (1)	33(693)	60.9	1,2-Dibromo-2,4-dicyanobutane
Southern Research Institute	059302008	05/08/00	732	50 (1)	33(674)	65.7	Diisopropylcarbodiimide

NOTE: The text on page 2 ("Report Description") describes how the studies listed here are displayed on the data pages that follow.

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Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female						
#All Organs: Benign Tumors												
Overall Incidence	Total	40/50 69/100	(80%) (69%)	29/50 Mean 69%	(58%) (69%)	SD 15.56%	Total	39/50 74/100	(78%) (74%)	35/50 Mean 74%	(70%) (74%)	SD 5.66%
.....												
#All Organs: Malignant Tumors												
Overall Incidence	Total	27/50 54/100	(54%) (54%)	27/50 Mean 54%	(54%) (54%)	SD 0%	Total	31/50 57/100	(62%) (57%)	26/50 Mean 57%	(52%) (57%)	SD 7.07%
.....												
#All Organs: Malignant and Benign Tumors												
Overall Incidence	Total	45/50 87/100	(90%) (87%)	42/50 Mean 87%	(84%) (87%)	SD 4.24%	Total	46/50 93/100	(92%) (93%)	47/50 Mean 93%	(94%) (93%)	SD 1.41%
.....												
#All Organs: Hemangioma												
Overall Incidence	Total	0/50 1/100	(0%) (1%)	1/50 Mean 1%	(2%) (1%)	SD 1.41%	Total	0/50 2/100	(0%) (2%)	2/50 Mean 2%	(4%) (2%)	SD 2.83%
.....												
#All Organs: Hemangiosarcoma												
Overall Incidence	Total	6/50 6/100	(12%) (6%)	0/50 Mean 6%	(0%) (6%)	SD 8.49%	Total	1/50 5/100	(2%) (5%)	4/50 Mean 5%	(8%) (5%)	SD 4.24%
.....												
#All Organs: Hemangiosarcoma or Hemangioma												
Overall Incidence	Total	6/50 7/100	(12%) (7%)	1/50 Mean 7%	(2%) (7%)	SD 7.07%	Total	1/50 7/100	(2%) (7%)	6/50 Mean 7%	(12%) (7%)	SD 7.07%
.....												

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

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Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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Male						Female					
#All Organs: Histiocytic Sarcoma											
Overall Incidence	Total	0/50	(0%)	1/50	(2%)	SD 1.41%	Total	1/50	(2%)	3/50	(6%)
		1/100	(1%)	Mean 1%	4/100			(4%)	Mean 4%	SD 2.83%	
.....											
#All Organs: Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type											
Overall Incidence	Total	1/50	(2%)	2/50	(4%)	SD 1.41%	Total	14/50	(28%)	10/50	(20%)
		3/100	(3%)	Mean 3%	24/100			(24%)	Mean 24%	SD 5.66%	
.....											
#All Organs: Mesothelioma: Benign, Malignant, NOS											
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD 0%	Total	0/50	(0%)	0/50	(0%)
		0/100	(0%)	Mean 0%	0/100			(0%)	Mean 0%	SD 0%	
.....											
#All Organs: Mesothelioma: Malignant											
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD 0%	Total	0/50	(0%)	0/50	(0%)
		0/100	(0%)	Mean 0%	0/100			(0%)	Mean 0%	SD 0%	
.....											
#All Organs: Osteoma											
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD 0%	Total	0/50	(0%)	0/50	(0%)
		0/100	(0%)	Mean 0%	0/100			(0%)	Mean 0%	SD 0%	
.....											
#All Organs: Osteosarcoma											
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD 0%	Total	1/50	(2%)	0/50	(0%)
		0/100	(0%)	Mean 0%	1/100			(1%)	Mean 1%	SD 1.41%	
.....											

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

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Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female					
#All Organs: Osteosarcoma or Osteoma											
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD 0%	Total	1/50	(2%)	0/50	(0%)
		0/100	(0%)	Mean 0%	1/100			(1%)	Mean 1%	SD 1.41%	
.....											
*Adrenal Cortex: Adenoma											
Overall Incidence	Total	6/50	(12%)	5/50	(10%)	SD 1.41%	Total	0/50	(0%)	0/50	(0%)
		11/100	(11%)	Mean 11%	0/100			(0%)	Mean 0%	SD 0%	
.....											
*Adrenal Cortex: Sarcoma											
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD 0%	Total	0/50	(0%)	0/50	(0%)
		0/100	(0%)	Mean 0%	0/100			(0%)	Mean 0%	SD 0%	
.....											
*Adrenal Medulla: Pheochromocytoma Benign											
Overall Incidence	Total	0/50	(0%)	0/49	(0%)	SD 0%	Total	2/50	(4%)	0/49	(0%)
		0/99	(0%)	Mean 0%	2/99			(2.02%)	Mean 2%	SD 2.83%	
.....											
*Adrenal Medulla: Pheochromocytoma Complex											
Overall Incidence	Total	0/50	(0%)	0/49	(0%)	SD 0%	Total	0/50	(0%)	0/49	(0%)
		0/99	(0%)	Mean 0%	0/99			(0%)	Mean 0%	SD 0%	
.....											
*Adrenal Medulla: Pheochromocytoma Malignant											
Overall Incidence	Total	1/50	(2%)	0/49	(0%)	SD 1.41%	Total	0/50	(0%)	0/49	(0%)
		1/99	(1.01%)	Mean 1%	0/99			(0%)	Mean 0%	SD 0%	
.....											

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#: Denominator is number of animals necropsied

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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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Male						Female					
*Adrenal Medulla:											
Pheochromocytoma: Benign, Complex, Malignant, NOS											
		1/50	(2%)	0/49	(0%)			2/50	(4%)	0/49	(0%)
Overall Incidence	Total	1/99	(1.01%)	Mean 1%	SD 1.41%	Total	2/99	(2.02%)	Mean 2%	SD 2.83%	
.....											
*Bone Marrow:											
Hemangiosarcoma											
		1/50	(2%)	0/49	(0%)			0/50	(0%)	1/49	(2%)
Overall Incidence	Total	1/99	(1.01%)	Mean 1%	SD 1.41%	Total	1/99	(1.01%)	Mean 1.02%	SD 1.44%	
.....											
*Bone Marrow:											
Mast Cell Tumor Malignant											
		0/50	(0%)	0/49	(0%)			0/50	(0%)	0/49	(0%)
Overall Incidence	Total	0/99	(0%)	Mean 0%	SD 0%	Total	0/99	(0%)	Mean 0%	SD 0%	
.....											
#Bone:											
Osteoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Bone:											
Osteosarcoma											
		0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											
#Bone:											
Osteosarcoma or Osteoma											
		0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											

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 #: Denominator is number of animals necropsied

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Strain: B6C3F1
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Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female								
#Bone: Sarcoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
.....														
*Brain: Schwannoma Malignant														
Overall Incidence	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD	0%	Total	1/50 1/100	(2%) (1%)	0/50 Mean	(0%) 1%	SD	1.41%
.....														
*Clitoral/Preputial Gland: Adenoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/96	(0%) (0%)	0/46 Mean	(0%) 0%	SD	0%
.....														
*Clitoral/Preputial Gland: Carcinoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/96	(0%) (0%)	0/46 Mean	(0%) 0%	SD	0%
.....														
*Clitoral/Preputial Gland: Carcinoma or Adenoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/96	(0%) (0%)	0/46 Mean	(0%) 0%	SD	0%
.....														
*Clitoral/Preputial Gland: Hemangiosarcoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/96	(0%) (0%)	0/46 Mean	(0%) 0%	SD	0%
.....														

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Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female					
*Clitoral/Preputial Gland: Squamous Cell Carcinoma											
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean 0%	SD 0%	Total	0/50 0/96	(0%) (0%)	0/46 Mean 0%	SD 0%	
.....											
*Epididymis: Sarcoma											
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean 0%	SD 0%						
.....											
#Eye: Sarcoma											
Overall Incidence	Total	0/50 1/100	(0%) (1%)	1/50 Mean 1%	SD 1.41%	Total	0/50 0/100	(0%) (0%)	0/50 Mean 0%	SD 0%	
.....											
*Gallbladder: Adenoma											
Overall Incidence	Total	0/49 0/94	(0%) (0%)	0/45 Mean 0%	SD 0%	Total	0/50 0/92	(0%) (0%)	0/42 Mean 0%	SD 0%	
.....											
#Harderian Gland: Adenoma											
Overall Incidence	Total	7/50 16/100	(14%) (16%)	9/50 Mean 16%	SD 2.83%	Total	6/50 15/100	(12%) (15%)	9/50 Mean 15%	SD 4.24%	
.....											
#Harderian Gland: Carcinoma											
Overall Incidence	Total	0/50 2/100	(0%) (2%)	2/50 Mean 2%	SD 2.83%	Total	2/50 3/100	(4%) (3%)	1/50 Mean 3%	SD 1.41%	
.....											

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Version: Oct2007
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Strain: B6C3F1
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Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female					
#Harderian Gland: Carcinoma or Adenoma											
Overall Incidence	Total	7/50 17/100	(14%) (17%)	10/50 Mean 17%	(20%) SD 4.24%	Total	8/50 18/100	(16%) (18%)	10/50 Mean 18%	(20%) SD 2.83%	
.....											
*Heart: Hemangioma											
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean 0%	(0%) SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean 0%	(0%) SD 0%	
.....											
*Heart: Hemangiosarcoma											
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean 0%	(0%) SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean 0%	(0%) SD 0%	
.....											
*Heart: Sarcoma											
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean 0%	(0%) SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean 0%	(0%) SD 0%	
.....											
#Intestine Large: Cecum: Carcinoma											
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean 0%	(0%) SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean 0%	(0%) SD 0%	
.....											
#Intestine Large: Cecum: Carcinoma or Adenoma											
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean 0%	(0%) SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean 0%	(0%) SD 0%	
.....											

*: Denominator is number of animals with tissues examined microscopically
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Version: Oct2007
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Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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Male						Female						
#Intestine Large: Cecum: Leiomyosarcoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Intestine Large: Cecum: Polyp Adenomatous												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Intestine Small: Duodenum: Adenoma												
Overall Incidence	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD 1.41%	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD 1.41%
.....												
#Intestine Small: Duodenum: Carcinoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Intestine Small: Duodenum: Polyp Adenomatous												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Intestine Small: Ileum: Carcinoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												

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Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female						
#Intestine Small: Jejunum: Adenoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Intestine Small: Jejunum: Carcinoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Intestine Small: Jejunum: Hemangiosarcoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Intestine Small: Jejunum: Leiomyosarcoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Intestine Small: Jejunum: Polyp Adenomatous												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Intestine Small: Site Unspecified: Adenoma												
Overall Incidence	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD 1.41%	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD 1.41%
.....												

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#: Denominator is number of animals necropsied

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Strain: B6C3F1
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Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female						
#Intestine Small: Site Unspecified: Carcinoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Intestine Small: Site Unspecified: Carcinoma or Adenoma												
Overall Incidence	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD 1.41%	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD 1.41%
.....												
#Intestine Small: Site Unspecified: Hemangiosarcoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Intestine Small: Site Unspecified: Leiomyosarcoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Intestine Small: Site Unspecified: Polyp Adenomatous												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
*Islets, Pancreatic: Adenoma												
Overall Incidence	Total	0/50 1/99	(0%) (1.01%)	1/49 Mean	(2%) 1.02%	SD 1.44%	Total	1/50 1/100	(2%) (1%)	0/50 Mean	(0%) 1%	SD 1.41%
.....												

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

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Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female								
*Islets, Pancreatic: Carcinoma														
Overall Incidence	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
.....														
*Islets, Pancreatic: Carcinoma or Adenoma														
Overall Incidence	Total	0/50 1/99	(0%) (1.01%)	1/49 Mean	(2%) 1.02%	SD	1.44%	Total	1/50 1/100	(2%) (1%)	0/50 Mean	(0%) 1%	SD	1.41%
.....														
*Kidney: Renal Tubule: Adenoma														
Overall Incidence	Total	0/50 0/98	(0%) (0%)	0/48 Mean	(0%) 0%	SD	0%	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD	0%
.....														
*Kidney: Renal Tubule: Carcinoma														
Overall Incidence	Total	0/50 0/98	(0%) (0%)	0/48 Mean	(0%) 0%	SD	0%	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD	0%
.....														
*Kidney: Renal Tubule: Carcinoma or Adenoma														
Overall Incidence	Total	0/50 0/98	(0%) (0%)	0/48 Mean	(0%) 0%	SD	0%	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD	0%
.....														
*Liver: Cholangiocarcinoma														
Overall Incidence	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD	1.41%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
.....														

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

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Route: SKIN
Vehicle: ETHANOL

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Male						Female								
*Liver: Fibrous Histiocytoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	1/50 1/100	(2%) (1%)	0/50 Mean	(0%) 1%	SD	1.41%
<hr/>														
*Liver: Hemangioma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
<hr/>														
*Liver: Hemangiosarcoma														
Overall Incidence	Total	1/50 1/100	(2%) (1%)	0/50 Mean	(0%) 1%	SD	1.41%	Total	1/50 2/100	(2%) (2%)	1/50 Mean	(2%) 2%	SD	0%
<hr/>														
*Liver: Hepatoblastoma														
Overall Incidence	Total	2/50 2/100	(4%) (2%)	0/50 Mean	(0%) 2%	SD	2.83%	Total	1/50 1/100	(2%) (1%)	0/50 Mean	(0%) 1%	SD	1.41%
<hr/>														
*Liver: Hepatocellular Adenoma														
Overall Incidence	Total	35/50 53/100	(70%) (53%)	18/50 Mean	(36%) 53%	SD	24.04%	Total	31/50 52/100	(62%) (52%)	21/50 Mean	(42%) 52%	SD	14.14%
<hr/>														
*Liver: Hepatocellular Carcinoma														
Overall Incidence	Total	17/50 37/100	(34%) (37%)	20/50 Mean	(40%) 37%	SD	4.24%	Total	8/50 18/100	(16%) (18%)	10/50 Mean	(20%) 18%	SD	2.83%
<hr/>														

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female						
*Liver: Hepatocellular Carcinoma or Hepatoblastoma												
Overall Incidence	Total	19/50	(38%)	20/50	(40%)	SD	1.41%	Total	9/50	(18%)	10/50	(20%)
		39/100	(39%)	Mean	39%				19/100	(19%)	Mean	19%
.....												
*Liver: Hepatocellular Carcinoma or Hepatocellular Adenoma												
Overall Incidence	Total	41/50	(82%)	35/50	(70%)	SD	8.49%	Total	32/50	(64%)	29/50	(58%)
		76/100	(76%)	Mean	76%				61/100	(61%)	Mean	61%
.....												
*Liver: Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma												
Overall Incidence	Total	41/50	(82%)	35/50	(70%)	SD	8.49%	Total	32/50	(64%)	29/50	(58%)
		76/100	(76%)	Mean	76%				61/100	(61%)	Mean	61%
.....												
*Liver: Hepatocholangiocarcinoma												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD	0%	Total	0/50	(0%)	0/50	(0%)
		0/100	(0%)	Mean	0%				0/100	(0%)	Mean	0%
.....												
*Liver: Ito Cell Tumor Malignant												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD	0%	Total	0/50	(0%)	0/50	(0%)
		0/100	(0%)	Mean	0%				0/100	(0%)	Mean	0%
.....												
*Liver: Sarcoma												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD	0%	Total	0/50	(0%)	0/50	(0%)
		0/100	(0%)	Mean	0%				0/100	(0%)	Mean	0%
.....												

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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Report Date:10/04/2007

Male							Female							
*Lung: Adenoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
.....														
*Lung: Alveolar/Bronchiolar Adenoma														
Overall Incidence	Total	10/50 16/100	(20%) (16%)	6/50 Mean	(12%) 16%	SD	5.66%	Total	2/50 6/100	(4%) (6%)	4/50 Mean	(8%) 6%	SD	2.83%
.....														
*Lung: Alveolar/Bronchiolar Carcinoma														
Overall Incidence	Total	6/50 8/100	(12%) (8%)	2/50 Mean	(4%) 8%	SD	5.66%	Total	3/50 3/100	(6%) (3%)	0/50 Mean	(0%) 3%	SD	4.24%
.....														
*Lung: Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma														
Overall Incidence	Total	15/50 23/100	(30%) (23%)	8/50 Mean	(16%) 23%	SD	9.9%	Total	5/50 9/100	(10%) (9%)	4/50 Mean	(8%) 9%	SD	1.41%
.....														
*Lung: Fibrosarcoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
.....														
*Lung: Fibrous Histiocytoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	1/50 1/100	(2%) (1%)	0/50 Mean	(0%) 1%	SD	1.41%
.....														

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#: Denominator is number of animals necropsied

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female						
*Lung: Hemangiosarcoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Lymph Node: Fibrous Histiocytoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	1/50 1/100	(2%) (1%)	0/50 Mean	(0%) 1%	SD 1.41%
.....												
#Lymph Node: Hemangiosarcoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Lymph Node: Sarcoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Lymph Node, Bronchial: Hemangiosarcoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Lymph Node, Mandibular: Fibrous Histiocytoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	1/50 1/100	(2%) (1%)	0/50 Mean	(0%) 1%	SD 1.41%
.....												

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female						
#Lymph Node, Mediastinal: Hemangiosarcoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
#Lymph Node, Mesenteric: Fibrous Histiocytoma												
Overall Incidence	Total	1/50 1/100	(2%) (1%)	0/50 Mean	(0%) 1%	SD 1.41%	Total	1/50 1/100	(2%) (1%)	0/50 Mean	(0%) 1%	SD 1.41%
#Lymph Node, Mesenteric: Hemangiosarcoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
#Mammary Gland: Carcinoma												
Overall Incidence	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD 1.41%	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD 1.41%
#Mammary Gland: Carcinoma or Adenoma												
Overall Incidence	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD 1.41%	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD 1.41%
#Mammary Gland: Fibroma, Fibroadenoma, Carcinoma, or Adenoma												
Overall Incidence	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD 1.41%	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD 1.41%

*: Denominator is number of animals with tissues examined microscopically
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Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female						
#Mesentery: Fibrosarcoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Mesentery: Fibrous Histiocytoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Mesentery: Hemangioma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Mesentery: Hemangiosarcoma												
Overall Incidence	Total	1/50 1/100	(2%) (1%)	0/50 Mean	(0%) 1%	SD 1.41%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Mesentery: Leiomyosarcoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Mesentery: Sarcoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female								
*Nose: Carcinoma														
Overall Incidence	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
.....														
*Nose: Hemangioma														
Overall Incidence	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
.....														
*Nose: Mast Cell Tumor Malignant														
Overall Incidence	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
.....														
*Nose: Sarcoma														
Overall Incidence	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
.....														
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Papilloma Squamous or Papilloma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
.....														
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Squamous Cell Carcinoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
.....														

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female								
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
.....														
#Oral Mucosa: Squamous Cell Carcinoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
.....														
*Ovary: Choriocarcinoma														
Overall Incidence								Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD	0%
.....														
*Ovary: Cystadenoma														
Overall Incidence								Total	3/50 4/99	(6%) (4.04%)	1/49 Mean	(2%) 4.02%	SD	2.8%
.....														
*Ovary: Fibrous Histiocytoma														
Overall Incidence								Total	1/50 1/99	(2%) (1.01%)	0/49 Mean	(0%) 1%	SD	1.41%
.....														
*Ovary: Granulosa Cell Tumor Benign														
Overall Incidence								Total	0/50 1/99	(0%) (1.01%)	1/49 Mean	(2%) 1.02%	SD	1.44%
.....														

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Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

	Male				Female		
<hr/>							
*Ovary:							
Granulosa Cell Tumor Malignant							
			0/50 (0%)		0/49 (0%)		
Overall Incidence	Total	0/99 (0%)		Mean	0%	SD	0%
<hr/>							
*Ovary:							
Granulosa Cell Tumor: Benign, Malignant, NOS							
			0/50 (0%)		1/49 (2%)		
Overall Incidence	Total	1/99 (1.01%)		Mean	1.02%	SD	1.44%
<hr/>							
*Ovary:							
Hemangioma							
			0/50 (0%)		0/49 (0%)		
Overall Incidence	Total	0/99 (0%)		Mean	0%	SD	0%
<hr/>							
*Ovary:							
Hemangiosarcoma							
			0/50 (0%)		1/49 (2%)		
Overall Incidence	Total	1/99 (1.01%)		Mean	1.02%	SD	1.44%
<hr/>							
*Ovary:							
Leiomyosarcoma							
			0/50 (0%)		0/49 (0%)		
Overall Incidence	Total	0/99 (0%)		Mean	0%	SD	0%
<hr/>							
*Ovary:							
Luteoma							
			0/50 (0%)		0/49 (0%)		
Overall Incidence	Total	0/99 (0%)		Mean	0%	SD	0%
<hr/>							

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male					Female							
*Ovary: Teratoma Benign												
Overall Incidence					Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD 0%		
.....												
*Ovary: Tubulostromal Adenoma												
Overall Incidence					Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD 0%		
.....												
*Pancreas: Carcinoma												
Overall Incidence	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
*Pancreas: Carcinoma or Adenoma												
Overall Incidence	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
*Pituitary Gland: Pars Distalis or Unspecified Site: Adenoma												
Overall Incidence	Total	0/50 0/98	(0%) (0%)	0/48 Mean	(0%) 0%	SD 0%	Total	5/50 9/98	(10%) (9.18%)	4/48 Mean	(8%) 9.17%	SD 1.18%
.....												
*Pituitary Gland: Pars Distalis or Unspecified Site: Carcinoma												
Overall Incidence	Total	0/50 0/98	(0%) (0%)	0/48 Mean	(0%) 0%	SD 0%	Total	0/50 1/98	(0%) (1.02%)	1/48 Mean	(2%) 1.04%	SD 1.47%
.....												

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#: Denominator is number of animals necropsied

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female						
*Pituitary Gland: Pars Distalis or Unspecified Site: Carcinoma or Adenoma												
Overall Incidence	Total	0/50	(0%)	0/48	(0%)	SD 0%	Total	5/50	(10%)	5/48	(10%)	SD 0.29%
		0/98	(0%)	Mean 0%	10/98			(10.2%)	Mean 10.21%			
.....												
*Pituitary Gland: Pars Intermedia: Adenoma												
Overall Incidence	Total	0/50	(0%)	0/48	(0%)	SD 0%	Total	1/50	(2%)	0/48	(0%)	SD 1.41%
		0/98	(0%)	Mean 0%	1/98			(1.02%)	Mean 1%			
.....												
*Pituitary Gland: Pars Intermedia: Carcinoma or Adenoma												
Overall Incidence	Total	0/50	(0%)	0/48	(0%)	SD 0%	Total	1/50	(2%)	0/48	(0%)	SD 1.41%
		0/98	(0%)	Mean 0%	1/98			(1.02%)	Mean 1%			
.....												
*Prostate: Adenoma												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD 0%						
		0/100	(0%)	Mean 0%								
.....												
*Prostate: Carcinoma or Adenoma												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD 0%						
		0/100	(0%)	Mean 0%								
.....												
*Salivary Glands: Carcinoma												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD 0%	Total	0/50	(0%)	0/50	(0%)	SD 0%
		0/100	(0%)	Mean 0%	0/100			(0%)	Mean 0%			
.....												

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#: Denominator is number of animals necropsied

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female						
*Salivary Glands: Carcinoma or Adenoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Seminal Vesicle: Adenoma												
Overall Incidence	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD 1.41%						
.....												
#Skeletal Muscle: Hemangiosarcoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Skeletal Muscle: Rhabdomyosarcoma												
Overall Incidence	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD 1.41%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Skeletal Muscle: Rhabdomyosarcoma or Rhabdomyoma												
Overall Incidence	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD 1.41%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Skeletal Muscle: Sarcoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												

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#: Denominator is number of animals necropsied

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female								
#Skin: Basal Cell Adenoma or Basosquamous Tumor Benign														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD	0%
.....														
#Skin: Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD	0%
.....														
#Skin: Basal Cell Carcinoma														
		0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)			
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	1/100	(1%)	Mean	1%	SD	1.41%
.....														
#Skin: Basal Cell Carcinoma or Basosquamous Tumor (malignant or NOS)														
		0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)			
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	1/100	(1%)	Mean	1%	SD	1.41%
.....														
#Skin: Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma														
		0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)			
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	1/100	(1%)	Mean	1%	SD	1.41%
.....														
#Skin: Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma														
		0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)			
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	1/100	(1%)	Mean	1%	SD	1.41%
.....														

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female								
#Skin: Basosquamous Tumor Benign														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
#Skin: Fibroma														
Overall Incidence	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD	1.41%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
#Skin: Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma														
Overall Incidence	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD	1.41%	Total	1/50 2/100	(2%) (2%)	1/50 Mean	(2%) 2%	SD	0%
#Skin: Fibrosarcoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD	1.41%
#Skin: Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	1/50 2/100	(2%) (2%)	1/50 Mean	(2%) 2%	SD	0%
#Skin: Fibrous Histiocytoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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Male								Female							
#Skin: Hemangioma															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 2/100	(0%) (2%)	2/50 Mean	(4%) 2%	SD	2.83%	
.....															
#Skin: Hemangiosarcoma															
Overall Incidence	Total	2/50 2/100	(4%) (2%)	0/50 Mean	(0%) 2%	SD	2.83%	Total	0/50 2/100	(0%) (2%)	2/50 Mean	(4%) 2%	SD	2.83%	
.....															
#Skin: Liposarcoma															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	
.....															
#Skin: Mast Cell Tumor Malignant															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	
.....															
#Skin: Melanoma Malignant															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	
.....															
#Skin: Neural Crest Tumor															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	
.....															

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female						
#Skin: Neurofibrosarcoma or Schwannoma (malignant or NOS)												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD	0%	Total	1/50	(2%)	0/50	(0%)
		0/100	(0%)	Mean	0%				1/100	(1%)	Mean	1%
.....												
#Skin: Neurofibrosarcoma, Neurofibroma, or Schwannoma (benign, malignant or NOS)												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD	0%	Total	1/50	(2%)	0/50	(0%)
		0/100	(0%)	Mean	0%				1/100	(1%)	Mean	1%
.....												
#Skin: Osteosarcoma												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD	0%	Total	0/50	(0%)	0/50	(0%)
		0/100	(0%)	Mean	0%				0/100	(0%)	Mean	0%
.....												
#Skin: Sarcoma												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD	0%	Total	1/50	(2%)	0/50	(0%)
		0/100	(0%)	Mean	0%				1/100	(1%)	Mean	1%
.....												
#Skin: Schwannoma Malignant												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD	0%	Total	1/50	(2%)	0/50	(0%)
		0/100	(0%)	Mean	0%				1/100	(1%)	Mean	1%
.....												
#Skin: Squamous Cell Carcinoma												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD	0%	Total	0/50	(0%)	0/50	(0%)
		0/100	(0%)	Mean	0%				0/100	(0%)	Mean	0%
.....												

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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Male						Female								
#Skin: Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	1/50 1/100	(2%) (1%)	0/50 Mean	(0%) 1%	SD	1.41%
.....														
#Skin: Squamous Cell Papilloma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
.....														
#Skin: Squamous Cell Papilloma or Papilloma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
.....														
#Skin: Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
.....														
#Skin: Squamous Cell Papilloma, Papilloma, or Keratoacanthoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
.....														
#Skin: Sebaceous Gland: Adenoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
.....														

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female						
#Skin: Sebaceous Gland: Carcinoma or Adenoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Spinal Cord: Meningioma Malignant												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
*Spleen: Fibrous Histiocytoma												
Overall Incidence	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD 0%	Total	1/50 1/99	(2%) (1.01%)	0/49 Mean	(0%) 1%	SD 1.41%
.....												
*Spleen: Hemangioma												
Overall Incidence	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD 0%	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD 0%
.....												
*Spleen: Hemangiosarcoma												
Overall Incidence	Total	1/50 1/99	(2%) (1.01%)	0/49 Mean	(0%) 1%	SD 1.41%	Total	0/50 1/99	(0%) (1.01%)	1/49 Mean	(2%) 1.02%	SD 1.44%
.....												
#Stomach, Forestomach: Mast Cell Tumor Malignant												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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Report Date:10/04/2007

Male						Female					
#Stomach, Forestomach: Squamous Cell Carcinoma											
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD 0%	Total	0/50	(0%)	0/50	(0%)
		0/100	(0%)	Mean 0%				0/100	(0%)	Mean 0%	SD 0%
.....											
#Stomach, Forestomach: Squamous Cell Carcinoma or Papilloma Squamous											
Overall Incidence	Total	0/50	(0%)	1/50	(2%)	SD 1.41%	Total	1/50	(2%)	1/50	(2%)
		1/100	(1%)	Mean 1%				2/100	(2%)	Mean 2%	SD 0%
.....											
#Stomach, Forestomach: Squamous Cell Papilloma											
Overall Incidence	Total	0/50	(0%)	1/50	(2%)	SD 1.41%	Total	1/50	(2%)	1/50	(2%)
		1/100	(1%)	Mean 1%				2/100	(2%)	Mean 2%	SD 0%
.....											
#Stomach, Glandular: Adenoma											
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD 0%	Total	0/50	(0%)	0/50	(0%)
		0/100	(0%)	Mean 0%				0/100	(0%)	Mean 0%	SD 0%
.....											
#Stomach, Glandular: Carcinoma											
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD 0%	Total	0/50	(0%)	0/50	(0%)
		0/100	(0%)	Mean 0%				0/100	(0%)	Mean 0%	SD 0%
.....											
#Stomach, Glandular: Carcinoma or Adenoma											
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD 0%	Total	0/50	(0%)	0/50	(0%)
		0/100	(0%)	Mean 0%				0/100	(0%)	Mean 0%	SD 0%
.....											

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female								
*Testes: Adenoma														
Overall Incidence	Total	2/50 2/100	(4%) (2%)	0/50 Mean	(0%) 2%	SD	2.83%							
.....														
*Testes: Hemangiosarcoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%							
.....														
*Testes: Seratoli Tumor: Benign, Malignant, NOS														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%							
.....														
*Testes: Sertoli Cell Tumor Malignant														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%							
.....														
*Thymus: Thymoma Malignant														
Overall Incidence	Total	1/47 1/94	(2%) (1.06%)	0/47 Mean	(0%) 1.06%	SD	1.5%	Total	1/47 1/93	(2%) (1.08%)	0/46 Mean	(0%) 1.06%	SD	1.5%
.....														
*Thymus: Thymoma: Benign, Malignant, NOS														
Overall Incidence	Total	1/47 1/94	(2%) (1.06%)	0/47 Mean	(0%) 1.06%	SD	1.5%	Total	1/47 1/93	(2%) (1.08%)	0/46 Mean	(0%) 1.06%	SD	1.5%
.....														

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female						
*Thyroid Gland: Adenoma												
Overall Incidence	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
*Thyroid Gland: C-Cell: Carcinoma												
Overall Incidence	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
*Thyroid Gland: C-Cell: Carcinoma or Adenoma												
Overall Incidence	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
*Thyroid Gland: Follicular Cell: Adenoma												
Overall Incidence	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD 0%	Total	0/50 3/100	(0%) (3%)	3/50 Mean	(6%) 3%	SD 4.24%
.....												
*Thyroid Gland: Follicular Cell: Carcinoma												
Overall Incidence	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma												
Overall Incidence	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD 0%	Total	0/50 3/100	(0%) (3%)	3/50 Mean	(6%) 3%	SD 4.24%
.....												

.....
*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female						
#Tissue NOS: Carcinoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Tissue NOS: Hemangiosarcoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Tissue NOS: Schwannoma Malignant												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Tongue: Squamous Cell Carcinoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Tongue: Squamous Cell Carcinoma or Papilloma Squamous												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Tongue: Squamous Cell Papilloma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male						Female						
#Tooth: Odontoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
*Urinary Bladder: Hemangioma												
Overall Incidence	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD 1.41%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
*Urinary Bladder: Hemangiosarcoma												
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Uterus: Adenoma												
Overall Incidence							Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD 1.41%
.....												
#Uterus: Carcinoma												
Overall Incidence							Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												
#Uterus: Deciduoma Benign												
Overall Incidence							Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....												

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

	Male				Female		
#Uterus: Hemangioma							
Overall Incidence	Total	0/50 0/100	(0%) (0%)		0/50 Mean	(0%) 0%	SD 0%
#Uterus: Hemangiosarcoma							
Overall Incidence	Total	0/50 0/100	(0%) (0%)		0/50 Mean	(0%) 0%	SD 0%
#Uterus: Leiomyoma							
Overall Incidence	Total	0/50 0/100	(0%) (0%)		0/50 Mean	(0%) 0%	SD 0%
#Uterus: Leiomyosarcoma							
Overall Incidence	Total	0/50 0/100	(0%) (0%)		0/50 Mean	(0%) 0%	SD 0%
#Uterus: Polyp Stromal							
Overall Incidence	Total	1/50 5/100	(2%) (5%)		4/50 Mean	(8%) 5%	SD 4.24%
#Uterus: Sarcoma Stromal							
Overall Incidence	Total	0/50 0/100	(0%) (0%)		0/50 Mean	(0%) 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male							Female						
#Uterus: Sarcoma Stromal or Polyp Stromal													
Overall Incidence		Total		1/50 5/100		(2%) (5%)		4/50 Mean		(8%) 5%		SD 4.24%	
.....													
#Uterus: Schwannoma Malignant													
Overall Incidence		Total		0/50 0/100		(0%) (0%)		0/50 Mean		(0%) 0%		SD 0%	
.....													
#Vagina: Squamous Cell Carcinoma													
Overall Incidence		Total		0/50 0/100		(0%) (0%)		0/50 Mean		(0%) 0%		SD 0%	
.....													
#Vagina: Squamous Cell Papilloma													
Overall Incidence		Total		0/50 0/100		(0%) (0%)		0/50 Mean		(0%) 0%		SD 0%	
.....													
#Zymbal's Gland: Carcinoma													
Overall Incidence		Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....													
#Zymbal's Gland: Carcinoma or Adenoma													
Overall Incidence		Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD 0%
.....													

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied